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# **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 19.06.2002 Bulletin 2002/25

(51) Int CI.7: **B60D 1/60** 

(43) Date of publication A2: **22.08.2001 Bulletin 2001/34** 

(21) Application number: 01301304.0

(22) Date of filing: 15.02.2001

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

**Designated Extension States:** 

AL LT LV MK RO SI

(30) Priority: 15.02.2000 GB 0003297

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#### (54) Anti-theft device

(57) This invention relates to an anti-theft device, and in particular to a device for reducing the likelihood of theft of a towed vehicle. According to the invention there is provided an anti-theft device for a towed or towing vehicle, the device comprising:

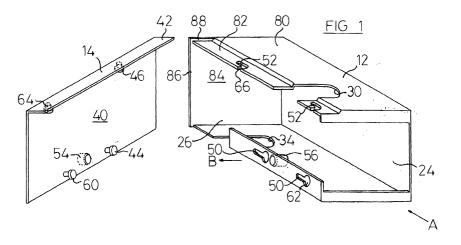
a first part (12) and a second part (14), the first and second parts being engageable together so as to enclose a volume within which a part of a hitch mechanism (20) of the vehicle can be located, one of the first and second parts having an element (30) which can cooperate with a part (32) of the hitch mechanism to prevent removal of the device whilst

the first and second parts are engaged,

and lock means (16) to secure the first and second parts in their engaged condition,

one of the first and second parts carrying at least one projecting member (44,46), the other of the first and second parts having a channel means (50,52) into which a part of the projecting member can be located,

the lock means having a body which is movable within a lock housing (56) of the first part or the second part, the direction of movement (B,-B) of the body within the lock housing being at an angle to the channel means





# **EUROPEAN SEARCH REPORT**

**Application Number** EP 01 30 1304

Category	Citation of document with indic of relevant passage		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)		
A,D	EP 0 446 498 A (MEWAH 18 September 1991 (19 * figures 1-5 *	O BEHEER BV) 91-09-18)	1	B60D1/60		
A,D	GB 2 257 100 A (DENMA 6 January 1993 (1993- * figures 1-6 *		1			
A	DE 93 19 824 U (WINTE 24 February 1994 (199 * figures 1-3 *		1			
4	US 5 421 601 A (HINZE 6 June 1995 (1995-06- * figures 1-3 *		1			
Ą	US 5 775 139 A (SELLE 7 July 1998 (1998-07- * figures 1-5 *		1			
				TECHNICAL FIELDS SEARCHED (Int.Cl.7)		
				B60D		
	The present search report has bee					
	Place of search THE HAGUE	Date of completion of the search 26 April 2002	Kus	Examiner ardy, R		
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A : technological background O : non-written disclosure P : intermediate document			&: member of the same patent family, corresponding document			

# ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 30 1304

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26-04-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
ΕP	0446498	Α	18-09-1991	NL EP	9000287 A 0446498 A2	02-09-1991 18-09-1991
GB	2257100	Α	06-01-1993	NONE		
DE	9319824	U	24-02-1994	DE	9319824 U1	24-02-1994
US	5421601	Α	06-06-1995	NONE	THE SEA SEA SEA SEA SEA SEA SEA SEA SEA SE	e colori dichie colori dichie cinci cincie cincie dinice dinice aliane adapie alique alique alique armini,
US	5775139	A	07-07-1998	NONE		1000 1000 4000 4000 1000 4000 4000 4000

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